

Application No.: 10/532,520
Amdt. Dated: June 8, 2007
Reply to Office Action Dated: February 8, 2007

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Original): A fluid wound dressing composition comprising a partially cured polyurethane fluid prepared by mixing: (a) a polyurethane prepolymer comprising an isocyanate capped prepolymer with (b) a curing agent for the polyurethane prepolymer, wherein said fluid wound dressing composition comprises from about 0.1 wt% to about 4 wt% of unreacted isocyanate.

Claim 2 (Original): A wound dressing composition according to claim 1, wherein the composition comprises at least 50% by weight of polyurethane components.

Claim 3 (Cancelled).

Claim 4 (Cancelled).

Claim 5 (Cancelled).

Claim 6 (Currently amended): A fluid wound dressing composition according to claim [[3]] 1, further comprising an additives selected from the group consisting of humectants, plasticizers, hydrocolloids, blowing agents, medicaments, and mixtures thereof.

Claim 7 (Currently amended): A fluid wound dressing composition according to claim [[3]] 1, wherein the composition has a curing time at 25°C of from about 0.1 to about 100 minutes.

Claim 8 (Cancelled).

Claim 9 (Currently amended): A wound dressing according to claim 1 [[8]], further comprising reinforcing elements to assist removal of the cured polyurethane composition in one piece from a wound.

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Claim 10 (Currently amended): A wound dressing according to claim 1[[8]], further comprising drainage elements to assist drainage of exudates from wounds.

Claim 11 (Withdrawn): A wound dressing kit comprising: (a) a polyurethane prepolymer; and (b) a curing agent for the polyurethane prepolymer, as a combined preparation.

Claim 12 (Withdrawn): A wound dressing kit according to claim 11, wherein the components (a) and (b) are stored separately in a single package for mixing immediately before use.

Claim 13 (Withdrawn): A wound dressing kit according to claim 12, wherein package comprises a barrier between the components that can be opened to allow the components to mix inside the package immediately before use.

Claim 14 (Withdrawn): A wound dressing kit according to claim 11, wherein the package comprises a mixing chamber for sterile mixing of the components immediately before use.

Claim 15 (Withdrawn): A wound dressing kit according to claim 11, further comprising one or more of the group consisting of reinforcing elements, drainage elements, and a secondary dressing.

Claim 16 (Withdrawn): A wound dressing kit according to claim 11, wherein component (a) and component (b) are both liquids at temperatures above 5°C.

Claim 17 (Withdrawn): A wound dressing kit according to claim 11, wherein component (a) comprises an isocyanate capped prepolymer.

Claim 18 (Withdrawn): A wound dressing kit according to claim 17, wherein the prepolymer is prepared by reacting a diisocyanate with compound selected from the group consisting of castor oil, other esters of ricinoleic acid, and derivatives thereof.

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Claim 19 (Withdrawn): A wound dressing kit according to claim 11, wherein the diol or polyol is selected from the group consisting of castor oil, other esters of ricinoleic acid, and derivatives thereof.

Claim 20 (Withdrawn): A wound dressing kit according to claim 11, wherein component (b) comprises a wound therapeutic material selected from the group consisting of antiseptics such as molecular silver, silver sulfadiazine or chlorhexidine; pain relieving agents such as lignocaine; anti-scarring agents such as mannose-6-phosphatase and agents for promoting wound healing such as growth factors, and mixtures thereof.

Claim 21 (Cancelled).